# Agenda CHHS Graduate Curriculum Meeting

Date: February 23, 2015

Time: 10:30 AM Location: AC 201

# I. Agenda

| Action | Create a New Course   |
|--------|---|
|        | NURS 521 Statistics in Health Care  |
|        | Contact: Eve Main, eve.main@wku.edu, 745-3489                                   |
| Action | Create a New Course   |
|        | SLP 557 Speech-Language Pathology and Autism Spectrum Disorders                 |
|        | Contact: Kimberly Green, kimberly.green@wku.edu, 745-4303                       |
| Action | Create a New Course   |
|        | SLP 558 Interprofessional Practice Across the Lifespan                          |
|        | Contact: Jo Shackelford, jo.shackelford@wku.edu, 745-4306                       |
| Action | Revise a Program  |
|        | 0011 Doctor of Nursing Practice (DNP), BSN to DNP Option (NNPF)                 |
|        | Contact: Eve Main, eve.main@wku.edu, 745-3489                                   |
| Action | Revise a Program  |
|        | 152 Master of Public Health   |
|        | Contact: Grace Lartey, PhD; grace.lartey@wku.edu; 53941. Darlene Shearer, DrPH; |
|        | darlene.shearer@wku.edu; 55868. Gary English, PhD; gary.english@wku.edu; 52678. |
| Action | Revise a Program  |
|        | 0454 Master of Science in Kinesiology   |
|        | Contact: Keri Esslinger, keri.esslinger@wku.edu; 745-6038                       |
| Action | Revise a Program  |
|        | Master of Science, Environmental and Occupational Health Science                |
|        | Contact: Cecilia Watkins, cecilia.watkins@wku.edu, 745-4796                     |

- II. Discussion:
- III. Upcoming meeting dates:
  - a. Graduate Council: March 19, 2015
  - b. Senate: April 16, 2015
  - c. Next CHHS Graduate Curriculum Committee: March 16, 2015

# Create a New Course (Action)

Date: January 28, 2015

College, Department: College of Health and Human Services, School of Nursing

Contact Person: Eve Main, eve.main@wku.edu

## 1. Proposed course:

- 1.1 Course prefix (subject area) and number: NURS 521
- 1.2 Course title: Statistics in Health Care
- 1.3 Abbreviated course title: Statistics in Health Care
- 1.4 Credit hours: 3 hours
- 1.5 Variable credit (yes or no): No
- 1.6 Repeatable (yes or no) for total of hours: No
- 1.7 Grade type: Standard Letter Grade
- 1.8 Prerequisites: None
- 1.9 Corequisites: None
- 1.10 Course description: Fundamental statistical concepts and techniques addressed include levels of measurement, measurement reliability and validity, and common statistical techniques. The emphasis will be on the application of statistics in health care research to improve clinical outcomes.
- 1.11 Course equivalency: None

#### 2. Rationale:

- 2.1 Reason for developing the proposed course: This course was developed following consultation with the department of Public Health. Historically the majority of MSN and DNP students have taken PH 520, however over the past 1 -2 years students in nursing have been enrolled in one section and students in public health majors have been enrolled in another section due to differing teaching methods and practical application of content.
- 2.2 Relationship of the proposed course to other courses at WKU: This course has been developed to specifically meet the needs of graduate nursing students in consultation with Dr. Colin Farrell, the current instructor of PH 520. It is planned that he will be the instructor in NURS 521.

#### 3. Discussion of proposed course:

- 3.1 Schedule type:
- 3.2 Learning Outcomes:
- 3.3 Content outline:
- 3.4 Student expectations and requirements:
- 3.5 Tentative texts and course materials:

#### 4. Budget implications:

- 4.1 Proposed method of staffing:
- 4.2 Special equipment, materials, or library resources needed:

### 5. Term for implementation: Fall 2015

| <b>6.</b> | Dates of | committee | approvals | : |
|-----------|----------|-----------|-----------|---|
|-----------|----------|-----------|-----------|---|

| Department                         | January 22, 2015 |
|------------------------------------|------------------|
| CHHS Graduate Curriculum Committee |                  |
| Graduate Council                   |                  |
| University Senate                  |                  |

<sup>\*\*</sup>New course proposals require a <u>Course Inventory Form</u> be submitted by the College Dean's office to the Office of the Registrar.

# Create a New Course (Action)

Date: 12/12/2014

College, Department: CHHS, Communication Sciences and Disorders

Contact Person: Kimberly Green, Kimberly.green@wku.edu,

#### 1. Proposed course:

1.1 Course prefix and number: SLP 557

1.2 Course title: Speech-Language Pathology and Autism Spectrum Disorders

1.3 Abbreviated course title: SLP & Autism Spectrum Disorder

1.4 Credit hours: 31.5 Variable credit: no

1.6 Repeatable for total of hours: no

1.7 Grade type: letter

1.8 Prerequisites: SLP 501, SLP 504

1.9 Corequisites: none

1.10 Course description: Development of strategies for speech-language pathologists to assess and treat the social and communication needs of those with autism spectrum disorders.

1.11 Course equivalency: none

#### 2. Rationale:

- 2.1 Reason for developing the proposed course: This content has been taught as a section of a SLP 572 Contemporary Issues course for several semesters. It is quite popular with the graduate students. Because there is a limit to the number of times the SLP 572 course can be taken, the department would like to have a specific course in the subject. Current standards require that graduates of accredited programs be able to demonstrate competency in social aspects of communication; this course would help students meet that need. Further, exit surveys from students have indicated that this was a course that was needed. Projected enrollment is 15-20 students based on enrollment of students in elective SLP 572 Contemporary Issues course in Autism.
- 2.2 Relationship of the proposed course to other courses at WKU: Many courses in the WKU Autism Certificate Program cover the similar topic. In particular, SPED 619 Assistive Technology and Communication Interventions for students with Autism Spectrum Disorders is offered. This course differs because its emphasis will be to help speech-language pathology graduate students earn one of the competencies needed to earn certification.

## 3. Discussion of proposed course:

- 3.1 Schedule type: L
- 3.2 Learning Outcomes:
  - Develop an understanding of pertinent background information and the major etiologies of ASD in children and adults
  - Develop an understanding of the impact of ASD and any adverse effect on the social language learning process
  - Plan, implement, evaluate and modify intervention strategies

- Develop an awareness of issues pertinent to speech-language pathology service delivery such as cultural diversity, behavior management, and collaboration.
- 3.3 Content outline: Autism Spectrum Disorders, the SLP's role in assessment and service delivery to the ASD population, competency development in social communication
- 3.4 Student expectations and requirements: research project, attend lectures, exams, presentation
- 3.5 Tentative texts and course materials:

Hall, Laura J. (2013). Autism Spectrum Disorders: From Theory to Practice. 2nd Edition.

2014 Certification Standards for Speech-Language Pathology, ASHA 2014 Speech-Language Pathology Practice Portal - Autism http://www.asha.org/PRPSpecificTopic.aspx?folderid=8589935303&section=Resources

#### 4. Budget implications:

- 4.1 Proposed method of staffing: current faculty; there is room in current faculty members' teaching loads to cover electives
- 4.2 Special equipment, materials, or library resources needed: none
- **5. Term for implementation:** Fall 2015
- 6. Dates of committee approvals:

| Department of Communication Sciences and Disorders | 12/12/2014 |
|--|------------|
| CHHS Graduate Curriculum Committee                 |            |
| Graduate Council                                   |            |
| University Senate                                  |            |

\*\*New course proposals require a <u>Course Inventory Form</u> be submitted by the College Dean's office to the Office of the Registrar.

## **College of Health and Human Services Department of Communication Sciences and Disorders Proposal to Create a New Course**

Contact Person: Jo Shackelford Email: jo.shackelford@wku.edu Phone: 270-745-4306

#### 1. Identification of proposed course:

- Course prefix (subject area) and number: SLP 558 1.1
- 1.2 Course title: Interprofessional Practice Across the Lifespan
- Abbreviated course title: Interprofessional Practice 1.3
- 1.4 Credit hours: 3 hours
- 1.5 Grade type: Standard letter grade
- 1.6 Prerequisites/corequisites: Permission of instructor.
- 1.7 Course description: Principles of interprofessional collaboration and will explore roles of family/caregivers and health care and educational professionals; interprofessional communication, decision making, and collaborative team problem solving as it relates to a variety of settings across the lifespan.

#### 2. **Rationale:**

- 2.1 Reason for developing the proposed course:
  - Interprofessional collaborative practice is important for high quality patientcentered care
  - "Through the experience of learning with and from those in other professions, students also develop leadership qualities and respect for each other, which prepares them for work on teams and in settings where collaboration is a key to success. This success is measured by better and safer patient care as well as improved population health outcomes."- Institute of Medicine Global Forum on Health Professions Education, Interprofessional Education for Collaboration Workshop Summary (May 2013)
- 2.2 Projected enrollment in the proposed course: This is an elective course for the Master of Science in Speech-Language Pathology.
- 2.3 Relationship of the proposed course to courses now offered by the department: Currently no course exists that addresses this content in depth. SLP 579 Professional Issues covers some discussion of roles of other health care professionals. Several courses (SLP 501 Early Intervention in Speech-Language Pathology, SLP 504 Seminar in Child Language, SLP 507 Aphasia, SLP 514 Dysphagia, SLP 550 Consultation in Communication Disorders) discuss roles of other professionals and families within course content, but interprofessional collaboration is not the focus of these courses.
- 2.4 Relationship of the proposed course to courses offered in other departments:

- 2.5 Relationship of the proposed course to courses offered in other institutions:
  - Many universities are offering interprofessional education courses in their program of study or as an elective.

 University of Louisville EDSP 637; University of Kentucky IEC 510, RC 546; University of North Dakota CSD 580; Medical University of South Carolina IP 710; Massachusetts General Hospital Institute of Health Professions HP 722; Wichita State University HP 801.

#### Discussion of proposed course:

3.1 Schedule type: Lecture

#### 3.2 Learning Outcomes:

- Students will understand the concept of interprofessional teamwork and the evidence base that supports its effectiveness
- Students will demonstrate knowledge of roles of professionals, patient/client, and family members with whom they will collaborate (healthcare and educational professionals, their scope of practice, settings in which they work, and role of families/caregivers)
- Students will learn communication strategies and tools for effective interprofessional collaboration (communication, conflict management and negotiation)
- Students will demonstrate skills needed to engage parents, patients/clients, and related professionals during assessment and treatment of clients across the lifespan.
- Students will be introduced to the concepts of and strategies for leadership and membership

#### 3.3 Content outline:

- Introduction to interprofessional teamwork
- Current developments, key concepts and issues
- Evidence base for interprofessional education
- Roles of related professionals and families/caregivers
- Factors that influence interprofessional teamwork (attitudes, culture, schedules, workload, training, professional boundaries)
- Communication strategies for interprofessional collaboration
- Collaborative assessment and intervention
- Roles and responsibilities on interprofessional teams
- Evaluating interprofessional teamwork

#### 3.4 Student expectations and requirements:

- Discussion
- Researching and reporting on topics
- Projects and assignments
- Examination

#### 3.5 Tentative texts and course materials:

Reeves, S., Lewin, S., Espin, S., & Zwarenstein, M. (2011). *Interprofessional teamwork for health and social care* (Vol. 8). John Wiley & Sons.

|    | 4.1        | Library resources: Adequate  |          |  |
|----|------------|--|----------|--|
|    | 4.2        | Computer resources: Adequate   |          |  |
| 5. | Budget i   | mplications:   |          |  |
|    | 5.1        | Proposed method of staffing: Current staff                           |          |  |
|    | 5.2        | Special equipment needed: None                                       |          |  |
|    | 5.3        | Expendable materials needed: None                                    |          |  |
|    | 5.4        | Laboratory materials needed: None                                    |          |  |
| 7. | Dates of 1 | prior committee approvals: ent: Communication Sciences and Disorders | 12/12/14 |  |
|    | •          | raduate Curriculum Committee   |          |  |
|    |            |  |          |  |
|    | Profession | nal Education Council  |          |  |
|    | Graduate   | Council  |          |  |
|    | Universit  | y Senate   |          |  |
|    |            |  |          |  |

4. Resources:

# Revise a Program (Action)

Date: January 28, 2015

College: College of Health and Human Services

Department: School of Nursing

Contact Person: Eve Main, eve.main@wku.edu, 5-3489

# 1. Identification of program:

1.1 Reference number: 0011

1.2 Program title: Doctor of Nursing Practice (DNP), BSN to DNP Option (DNPF)

# 2. Proposed change(s):

|            | $\overline{}$ |         |             |
|------------|---------------|---------|-------------|
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| , ,        |               | tit     | $_{\alpha}$ |
|            |               |         |             |

- 2.2 admission criteria:
- 2.3 X curriculum: Delete NURS 520 and add NURS 605
- 2.4 other:

# 3. Detailed program description:

| Existing Program                             | Revised Program                             |
|--|---|
| Graduate Statistics Course (3 hours)         | Graduate Statistics Course (3 hours)        |
| NURS 500 Advanced Pathophysiology (4 hours)  | NURS 500 Advanced Pathophysiology (4        |
|  | hours)                                      |
| NURS 503 Advanced Health Assessment (2       | NURS 503 Advanced Health Assessment (2      |
| hours)                                       | hours)                                      |
| NURS 504 Theoretical Foundations of          | NURS 504 Theoretical Foundations of         |
| Professional Nursing (3 hours)               | Professional Nursing (3 hours)              |
| NURS 505 Advanced Health Assessment Clinical | NURS 505 Advanced Health Assessment         |
| (1 hour)                                     | Clinical (1 hour)                           |
| NURS 508 Advanced Issues in Professional     | NURS 508 Advanced Issues in Professional    |
| Nursing (1 hour)                             | Nursing (1 hour)                            |
| NURS 509 Advanced Practice Management (1     | NURS 509 Advanced Practice Management (1    |
| hour)  | hour)                                       |
| NURS 510 Advanced Nursing Research (3 hours) | NURS 510 Advanced Nursing Research (3       |
| NURS 515 Advanced Pharmacology (4 hours)     | hours)                                      |
|  | NURS 515 Advanced Pharmacology (4 hours)    |
| NURS 520 Teaching in Schools of Nursing (3   | NURS 605 Leadership in Nursing Practice (3  |
| hours)                                       | hours)                                      |
| NURS 546 Primary Care of Infant, Child and   | NURS 546 Primary Care of Infant, Child and  |
| Adolescent (3 hours)                         | Adolescent (3 hours)                        |
| NURS 547 Primary Care of Infant, Child and   | NURS 547 Primary Care of Infant, Child and  |
| Adolescent Clinical (2 hours)                | Adolescent Clinical (2 hours)               |
| NURS 548 Primary Care of Adults (3 hours)    | NURS 548 Primary Care of Adults (3 hours)   |
| NURS 549 Primary Care of Adults Clinical (2  | NURS 549 Primary Care of Adults Clinical (2 |
| hours)                                       | hours)                                      |
| NURS 554 Primary Care Practicum (5 hours)    | NURS 554 Primary Care Practicum (5 hours)   |
| NURS 601 Orientation to Doctor of Nursing    | NURS 601 Orientation to Doctor of Nursing   |
| Practice (2 hours)                           | Practice (2 hours)                          |

| NURS 620 Biostatistics for Healthcare          | NURS 620 Biostatistics for Healthcare       |
|--|---|
| Professionals (3 hours)                        | Professionals (3 hours)                     |
|  | l ' '                                       |
| NURS 630 Advanced Epidemiology (3 hours)       | NURS 630 Advanced Epidemiology (3 hours)    |
| NURS 700 Leadership and Organizational Theory  | NURS 700 Leadership and Organizational      |
| (3 hours)                                      | Theory (3 hours)                            |
| NURS 701 Leadership in Health Policy (3 hours) | NURS 701 Leadership in Health Policy (3     |
|  | hours)                                      |
| NURS 712 Evidence-Based Practice (3 hours)     | NURS 712 Evidence-Based Practice (3 hours)  |
| NURS 714 Economic and Financial Influences in  | NURS 714 Economic and Financial Influences  |
| Healthcare Systems (3 hours)                   | in Healthcare Systems (3 hours)             |
| NURS 740 Technology in Healthcare (3 hours)    | NURS 740 Technology in Healthcare (3 hours) |
|  |   |
| NURS 750 Program Development and Evaluation    | NURS 750 Program Development and            |
| (3 hours)                                      | Evaluation (3 hours)                        |
| NURS 755 Quality Improvement in Healthcare (3  | NURS 755 Quality Improvement in Healthcare  |
| hours)   | (3 hours)                                   |
| NURS 765 Institutional Review Board Process in | NURS 765 Institutional Review Board Process |
| Nursing (1 hour)                               | in Nursing (1 hour)                         |
| NURS 780 Clinical Practicum (6 hours)          | NURS 780 Clinical Practicum (6 hours)       |
| Total Hours: 76 hours                          | Total Hours: 76 hours                       |

- **4. Rationale:** The deletion of NURS 520, Teaching in Schools of Nursing and the addition of NURS 605, Leadership in Nursing Practice will better prepare our students for practice as a DNPs. NURS 605 course content will provide the student with needed preparation in clinical prevention and population health to improve health outcomes through interdisciplinary collaboration, consultation, and management of patient care. The deletion of NURS 520 will not adversely affect the curriculum as the majority of our BSN to DNP students will be in clinical practice and not nursing education.
- **5. Proposed term for implementation:** Fall 2015
- **6.** Dates of committee approvals:

| School of Nursing                  | December 3, 2014 |
|------------------------------------|------------------|
| CHHS Graduate Curriculum Committee |                  |
| Graduate Council                   |                  |
| University Senate                  | <u>-</u>         |

# Revise a Program (Action)

Date: October 31, 2014

College: College of Health and Human Services

Department: Public Health

Contact Person: Grace Lartey, PhD; <u>grace.lartey@wku.edu</u>; 53941. Darlene Shearer, DrPH; <u>darlene.shearer@wku.edu</u>; 55868. Gary English, PhD; <u>gary.english@wku.edu</u>; 52678.

## 1. Identification of program:

1.1 Reference number: 152

1.2 Program title: Master of Public Health

# 2. Proposed change(s):

- 2.1 \_\_\_\_ title:
- 2.2 X admission criteria: Yes
- 2.3 X curriculum:
- 2.4 X other: Adding a third concentration Generalist (Online) to the MPH Program; revise program description.

**3.** Current detailed program description:

| Current Program                                | Proposed Program                                |  |
|--|---|--|
| The Master of Public Health degree is          | The Master of Public Health degree is           |  |
| designed to meet the needs of a wide range of  | designed to meet the needs of a wide range of   |  |
| health professionals (e.g. public health       | health professionals desiring a graduate        |  |
| educators, nurses, environmentalists, public   | education in public health. The MPH degree      |  |
| health administrators, industrial health       | program is accredited by the Council on         |  |
| personnel, nutritionists, dental hygienists,   | Education for Public Health (CEPH). The         |  |
| physicians, and other professionals) who       | MPH program has <b>three</b> concentrations are |  |
| desire graduate education in public health.    | offered: Environmental Health, Generalist       |  |
| The MPH degree program is accredited by the    | and Health Education.                           |  |
| Council on Education for Public Health         |   |  |
| (CEPH). Two concentrations are offered:        |   |  |
| Environmental Health and Health Education.     |   |  |
| To pursue the MPH degree, the applicant        |   |  |
| must have completed a baccalaureate in health  |   |  |
| sciences, or have adequate academic            |   |  |
| preparation in disciplines basic to public     |   |  |
| health.  |   |  |
|  |   |  |
| Admission Requirements:                        | Admission Requirements:                         |  |
| 1. Completion of a baccalaureate degree from   | 1. Completion of a baccalaureate degree from    |  |
| an accredited institution or its equivalent.   | an accredited institution or its equivalent.    |  |
| 2. At least an undergraduate minor in health   |   |  |
| or previous education in the sciences basic to |   |  |
| health.  |   |  |
| 3. A minimum GAP score of 593 [GAP =           | 2. A minimum GAP score of 593 [GAP =            |  |

(GRE-V + GRE-Q) + (Undergraduate GPA x 100)]. Students who took the GRE between 2002 and August 2011must submit a minimum GAP score of 2200 [GAP = (GRE-V + GRE-Q) x Undergraduate GPA]. Students who took the GRE prior to 2002 must submit a minimum GAP score of 3500 [GAP = (GRE-V + GRE-Q + GRE-A) x Undergraduate GPA].

- 4. A recommended GPA of 3.0 on a 4.0 scale.
- 5. If applicable, test of English as a foreign language (TOEFL) exam: minimum score of 500 on the written TOEFL; or minimum of 79 on the internet-based TOEFL (iBT).
- 6. All applicants are encouraged to take the GRE. However, full admission will be granted to applicants who fulfill one of the following conditions:
- a) GRE minimums of 145 for the verbal score, 148 for the quantitative score and 3.5 for the analytical writing score;
- b) or cumulative GPA of at least 3.2 on 4.0 scale from a US accredited university.
- 7. Submission of:
- a) a written statement of purpose
- b) a resume
- c) 2 letters of academic reference

Admission Requirements For International Students Who Enroll Through Navitas

- 1. Completion of a baccalaureate degree from an accredited institution or its equivalent
- 2. At least an undergraduate minor in health, or previous education in the sciences basic to health.
- 3. A recommended GPA of 3.0 on a 4.0 scale.
- 4. English language assessments waived provided candidate earns a "B" or higher in each of the graduate (500 level) courses taken in the Navitas Pre-Master's program.
- 5. GRE waived provided candidate earns a "B" or higher in each of the graduate (500 level) courses taken in the Navitas Pre-Master's program.
- 6. Submission of:
- a) a written statement of purpose

(GRE-V + GRE-Q) + (Undergraduate GPA x 100)]. Students who took the GRE between 2002 and August 2011must submit a minimum GAP score of 2200 [GAP = (GRE-V + GRE-Q) x Undergraduate GPA]. Students who took the GRE prior to 2002 must submit a minimum GAP score of 3500 [GAP = (GRE-V + GRE-Q + GRE-A) x Undergraduate GPA].

- 3. A recommended GPA of 3.0 on a 4.0 scale.
- 4. If applicable, test of English as a foreign language (TOEFL) exam: minimum score of 500 on the written TOEFL; or minimum of 79 on the internet-based TOEFL (iBT).
- 5. All applicants are encouraged to take the GRE. However, full admission will be granted to applicants who fulfill one of the following conditions:
- a) GRE minimums of 145 for the verbal score, 148 for the quantitative score and 3.5 for the analytical writing score;
- b) Or cumulative GPA of at least 3.2 on 4.0 scale from a US accredited university.
- 6. Submission of:
- a) a written statement of purpose
- b) a resume
- c) 2 letters of academic reference

# Admission Requirements For International Students Who Enroll Through Navitas

- 1. Completion of a baccalaureate degree from an accredited institution or its equivalent
- 2. A recommended GPA of 3.0 on a 4.0 scale.
- 3. English language assessments waived provided candidate earns a "B" or higher in each of the graduate (500 level) courses taken in the Navitas Pre-Master's program.
- 4. GRE waived provided candidate earns a "B" or higher in each of the graduate (500 level) courses taken in the Navitas Pre-Master's program.
- 5. Submission of:
- a) a written statement of purpose

| b) a resume                        | b) a resume  |
|------------------------------------|--|
| c) 2 letters of academic reference | c) 2 letters of academic reference   |
|                                    | Admission Requirements For MPH   |
|                                    | <b>Generalist Concentration</b>  |
|                                    | 1. Completion of a baccalaureate degree from   |
|                                    | an accredited institution or its equivalent.   |
|                                    | 2. A minimum GAP score of 593 [GAP =   |
|                                    | (GRE-V + GRE-Q) + (Undergraduate GPA x)  |
|                                    | 100)]. Students who took the GRE between   |
|                                    | 2002 and August 2011must submit a  |
|                                    | minimum GAP score of 2200 [GAP = (GRE-   |
|                                    | V + GRE-Q) x Undergraduate GPA].   |
|                                    | Students who took the GRE prior to 2002  |
|                                    | must submit a minimum GAP score of 3500  |
|                                    | [GAP = (GRE-V + GRE-Q + GRE-A) x   |
|                                    | Undergraduate GPA]. 3. A recommended GPA of 3.0 on a 4.0 scale.                                  |
|                                    | 4. If applicable, test of English as a foreign   |
|                                    | language (TOEFL) exam: minimum score of  |
|                                    | 500 on the written TOEFL; or minimum of 79   |
|                                    | on the internet-based TOEFL (iBT).   |
|                                    | 5. All applicants are encouraged to take the   |
|                                    | GRE. However, full admission will be granted   |
|                                    | to applicants who fulfill one of the following   |
|                                    | conditions:  |
|                                    | a) GRE minimums of 145 for the verbal  |
|                                    | score, 148 for the quantitative score and 3.5  |
|                                    | for the analytical writing score;  |
|                                    | b) or cumulative GPA of at least 3.2 on 4.0  |
|                                    |  |
|                                    | scale from a US accredited university  |
|                                    | scale from a US accredited university c) or admission into a US Medical School 6. Submission of: |

# Concentration Objectives

a) a written statement of purpose

c) 2 letters of academic reference

b) a resume

| Environmental Health               | Health Education                  | Generalist Concentration          |
|------------------------------------|-----------------------------------|-----------------------------------|
| Concentration                      | Concentration                     |                                   |
| The goal of the environmental      | The public health education       | The generalist concentration will |
| health option of the MPH           | specialization prepares public    | provide a broad-based             |
| program is to prepare graduates    | health education professionals to | foundation to address the health  |
| who can function as professional   | effectively plan, implement, and  | and well-being of populations     |
| environmental health specialist    | evaluate health education and     | and communities. This             |
| in a variety of public and private | promotion programs, and carry     | concentration would also provide  |
| settings. A student completing     | out the related professional      | *                                 |
| the environmental health option    | functions. Graduates will be able | students with the opportunity -to |

| in the to: | MPH program will be able  | to: |  | int<br>pat | egrate public health practice<br>to other academic or career<br>ths that they have already<br>osen. Graduates will be able  |
|------------|---|-----|--|------------|---|
| ì          | Understand basic concepts of ecology and the role of humans in altering the ecosystem                                       | •   | Assess individual and community needs for health education             | •          | Describe behavioral, social<br>and cultural factors that<br>contribute to the health and<br>well-being of individuals,<br>communities and populations   |
| ( a        | Assess a community to determine the presence of adverse environmental conditions and their potential impact on human health | •   | Plan effective health education programs                               | •          | Communicate public health information and issues effectively to health professionals and the public through diverse communication channels  |
| t          | Monitor the community's environment to assure that the environmental quality is conducive to good health                    | •   | Implement health education programs                                    | •          | Critically review and apply<br>evidence-based evaluation of<br>published medical and public<br>health literature  |
| S          | Develop and implement strategies to remediate unhealthy environmental conditions  | •   | Evaluate the effectiveness of health education programs                | •          | Apply principles of ethical conduct to public health practice   |
| I          | Understand the role of and work with the public and private sectors in controlling adverse environmental conditions         | •   | Coordinate provisions of health education programs                     | •          | Integrate the broad base of<br>public health knowledge and<br>skills acquired from<br>coursework, practicum and<br>other learning activities into<br>a culminating experience<br>(special studies project or<br>capstone) |
| I          | Manage resources and personnel to effectively carry out an environmental health program                                     | •   | Act as a resource person in health education                           | •          | Apply skills and knowledge<br>in public health setting(s)<br>through planned and<br>supervised experience(s)<br>related to professional career<br>objectives  |
| i<br>ł     | Identify, interpret, and implement environmental health laws, regulations, and policies                                     | •   | Communicate health and health education needs, concerns, and resources | •          | Develop the capacity for lifelong learning in public health   |
| • I        | Function effectively as a   | •   | Solve problems in ways   | •          | Act as an advocate for the  |

| member of the public | sensitive to cultural | public's health at local,  |
|----------------------|-----------------------|----------------------------|
| health team          | differences           | national and international |
|                      |                       | levels                     |

| <b>Existing Program</b>                                |  |     | Revised Program  |                                    |     |
|--|--|-----|--|------------------------------------|-----|
| Prefix   | Course Title                             | Hrs | Prefix   | Course Title                       | Hrs |
| Required Core (24 hours)                               |  |     | Required Core (24 hours)                               |                                    |     |
| PH 520   | Biostatistics for<br>Public Health       | 3   | PH 520   | Biostatistics for<br>Public Health | 3   |
| PH 580   | Introduction to Public Health            | 3   | PH 580   | Introduction to Public Health      | 3   |
| PH 582   | Epidemiology                             | 3   | PH 582   | Epidemiology                       | 3   |
| PH 583   | Public Health Administration             | 3   | PH 583   | Public Health<br>Administration    | 3   |
| PH 584   | Principles of<br>Environmental<br>Health | 3   | PH 584   | Principles of Environmental Health | 3   |
| PH 587   | Health Behavior                          | 3   | PH 587   | Health Behavior                    | 3   |
| PH 546   | Graduate Internship                      | 3   | PH 546   | Graduate Internship                | 3   |
| PH 591   | Health Program Evaluation                | 3   | PH 591   | Health Program Evaluation          | 3   |
| Concentration Courses: Environmental Health (18 hours) |  |     | Concentration Courses: Environmental Health (18 hours) |                                    |     |
| PH 510   | Watershed Management & Science           | 3   | PH 510   | Watershed Management & Science     | 3   |
| PH 571   | Air Quality<br>Management                | 3   | PH 571   | Air Quality<br>Management          | 3   |
| PH 577   | Environmental<br>Toxicology              | 3   | PH 577   | Environmental<br>Toxicology        | 3   |
| EHS 580  | Solid and<br>Hazardous Waste             | 3   | EHS 580  | Solid and<br>Hazardous Waste       | 3   |
| PH 599   | Thesis OR                                | 6   | PH 599 OR  | Thesis                             | 6   |
| PH 588   | Public Health<br>Capstone                | 3   | PH 588   | Public Health<br>Capstone          | 3   |
| Elective 1   |  | 3   | Elective 1   |                                    | 3   |
| Total  |  | 42  | Total  |                                    | 42  |
| Environmental<br>Health Electives                      |  |     |  |                                    |     |
| PH, ENV, EHS or  |  |     |  |                                    |     |

| HCA prefix. Advisor   |   |    |                      |   |     |
|---|---|----|----------------------|---|-----|
| may approve courses   |   |    |                      |   |     |
| with different prefix.  |   |    |                      |   |     |
| Concentration   |   |    | Concentration        |   |     |
| Courses: Health   |   |    | Courses: Health      |   |     |
| Education (18 hours)  |   |    | Education (18 hours) |   |     |
| PH 548  | Community Health<br>Organization                          | 3  | PH 548               | Community Health Organization                             | 3   |
| PH 575  | Health Education & Promotion Planning                     | 3  | PH 575               | Health Education & Promotion Planning                     | 3   |
| РН 576  | Health Education<br>and Communication<br>Techniques in PH | 3  | PH 576               | Health Education<br>and Communication<br>Techniques in PH | 3   |
| PH 599 OR   | Thesis  | 6  | PH 599 OR            | Thesis  | 6   |
| PH 588  | Public Health<br>Capstone                                 | 3  | PH 588               | Public Health<br>Capstone                                 | 3   |
| Elective 1  |   | 3  | Elective 1           |   | 3   |
| Elective 2  |   | 3  | Elective 2           |   | 3   |
|   |   |    |                      |   |     |
| Total   |   | 42 | Total                |   | 42  |
| Health Education<br>Electives   |   |    | Electives            |   |     |
| PH, ENV, EHS or<br>HCA prefix. Advisor<br>may approve courses<br>with different prefix. |   |    | PH 467G              | Drug Abuse<br>Education                                   | 3   |
|   |   |    | PH 501               | Research Methods  | 3   |
|   |   |    | PH 502               | Health Promotion in the Workplace                         | 3   |
|   |   |    | PH 530               | Independent<br>Investigations in<br>PH                    | 1-6 |
|   |   |    | PH 564               | Public Health<br>Issues in Women's<br>Health              | 3   |
|   |   |    | EHS 572              | Environmental and<br>Occupational<br>Epidemiology         | 3   |
|   |   |    | PH 585               | International Health                                      | 3   |

| PH 595  | PH Management of Disasters                         | 3 |
|---|--|---|
| PH 620  | Advanced Biostatistics                             | 3 |
| PH 630  | Advanced<br>Epidemiology                           | 3 |
| PH 591  | Health Program Evaluation                          | 3 |
| Advisor may approve other electives not listed      |  |   |
| Concentration Courses: Generalist (18 hours)        |  |   |
| PH 588  | Capstone   | 3 |
| Focus Area: Choose<br>3 from this list (9<br>hours) |  |   |
| PH 548  | Community Health<br>Organization                   | 3 |
| PH 575  | Health Education & Promotion Program Planning      | 3 |
| PH 576  | Education and Communication Techniques in PH       | 3 |
| EHS 572   | Environmental and Occupational Epidemiology        | 3 |
| PH 577  | Environmental<br>Toxicology                        | 3 |
| PH 595  | PH Management of Disasters                         | 3 |
| HCA 541   | Strategic Management and Marketing Health Services | 3 |
| HCA 545   | Managerial Finance in Health Services              | 3 |
| HCA 586   | Health Economics<br>and Policy                     | 3 |

| Other Public Health          |                         |     |
|------------------------------|-------------------------|-----|
| focus areas may be           |                         |     |
| selected with advisor        |                         |     |
| permission                   |                         |     |
| <b>Generalist Electives:</b> |                         |     |
| Choose 2 from this           |                         |     |
| list (6 hours)               |                         |     |
| PH 467G                      | Drug Abuse<br>Education | 3   |
| PH 501                       | Research Methods        | 3   |
| PH 502                       | Health Promotion        | 3   |
| 111002                       | in the Workplace        |     |
| PH 530                       | Independent             | 1-6 |
|                              | Investigations in       |     |
|                              | PH                      |     |
| PH 548                       | Community Health        | 3   |
|                              | organization            |     |
| PH 564                       | PH issues in            | 3   |
|                              | Women's Health          |     |
| PH 575                       | Program Planning        | 3   |
| PH 576                       | Education and           | 3   |
|                              | Communication           |     |
|                              | Techniques              |     |
| EHS 572                      | Environmental and       | 3   |
|                              | Occupational            |     |
|                              | Epidemiology            |     |
| PH 577                       | Environmental           | 3   |
|                              | Toxicology              |     |
| PH 585                       | International Health    | 3   |
| PH 595                       | PH Management of        | 3   |
|                              | Disasters               |     |
| EHS 580                      | Solid & Hazardous       |     |
|                              | Waste Management        |     |
| HCA 541                      | Strategic               | 3   |
|                              | Management and          |     |
|                              | Marketing Health        |     |
|                              | Services                |     |
| HCA 545                      | Managerial Finance      | 3   |
|                              | in Health Services      |     |
| HCA 586                      | Health Economics        | 3   |
|                              | and Policy              |     |
| Total                        |                         | 42  |
| Advisor may                  |                         |     |
| approve other                |                         |     |
| electives not listed         |                         |     |

| 5. | <b>Proposed term for implementation:</b> Fall 2015 |        |
|----|--|--------|
| 6. | Dates of committee approvals:                      |        |
|    | Department of Public Health                        | 2/9/15 |
|    | CHHS Graduate Curriculum Committee                 |        |
|    | Graduate Council                                   |        |
|    | University Senate                                  |        |
|    |  |        |

Proposal date: January 26th, 2015

# College of Health & Human Services **Department of Kinesiology Recreation and Sport** Proposal to Revise A Program (Action Item)

Contact Person: Keri Esslinger, keri.esslinger@wku.edu; 745-6038

#### 1. **Identification of program:**

- Current program reference number: 0454
- 1.2 Current program title: Master of Science in Kinesiology

### 2.

| Identif | icat        | ion of the proposed program changes:   |
|---------|-------------|--|
| 2.1     |             | title:   |
| 2.2     |             | admission criteria:  |
| 2.3     | $\boxtimes$ | curriculum: Changes for the Teacher Leader Concentration only. <i>Note: The Exercise</i> |
|         | Sci         | ence and Fitness Management concentrations are not changing.                             |
|         | 0           | Update of the Professional Education core to reflect changes already made by the         |
|         |             | College of Education.  |
|         | 0           | Addition of KIN 520 - Teaching Strategies in Physical Education to the                   |
|         |             | Specialization component.  |
|         | 0           | Addition of RSA 534 - Facility Management to the Physical Education Specialization       |
|         |             | component.   |
|         | 0           | Deletion of KIN 501 - Research Methods in PE/KIN from the Physical Education             |
|         |             | Specialization component.  |
|         | 0           | Deletion of KIN 504 – Advanced Exercise Physiology                                       |
|         | 0           | Minimum hours to degree will increase by one, from 30 to 31 hours                        |
| 2.4     | П           | other:   |

#### **Detailed program description: 3.**

\*Note that a program revision proposal approved at the January 22, 2015 Senate deleted a concentration in Corporate Health Management.

| Old Program*                                  | New Program                                   |
|---|---|
| The M.S. in Kinesiology program has four      | The M.S. in Kinesiology program has three     |
| concentrations: Physical Education Teacher    | concentrations: Physical Education Teacher    |
| Leader, Exercise Physiology, and Fitness      | Leader, Exercise Physiology, and Fitness      |
| Management. The Physical Education Teacher    | Management. The Physical Education Teacher    |
| Leader concentration focuses on teaching and  | Leader concentration focuses on teaching and  |
| meeting the Kentucky Teacher Requirements for | meeting the Kentucky Teacher Requirements for |
| Advanced Teaching Standards.                  | Advanced Teaching Standards.                  |
|   |   |
|   |   |

The Exercise Physiology and Fitness Management concentrations do not lead to rank change for Kentucky teachers.

Teacher Leader Admission Requirement Criteria vary, depending on the student's undergraduate institution and GPA. No GRE requirement for admission.

- 1. WKU Graduate: Automatic admission\_with a current teaching certificate in Physical Education or a statement of eligibility.
- 2. Graduate of a Kentucky Higher Education Institute other than WKU: A 2.75 GPA or higher or a \*GAP score of 550. A current teaching certificate in Physical Education or a statement of eligibility.
- 3. Graduate of an Out-of-State Institution of Higher Education: A 2.75 GPA or higher or a \*GAP score of 550. A current teaching certificate in Physical Education or a statement of eligibility.

Kentucky applicants whose certificates have expired may be admitted, but they may enroll for only six hours before they must apply to the Kentucky Education Professional Standards Board for reissued certificates. After completion of six hours, a student admitted with an expired certificate must submit a copy of the re-issued certificate before being allowed to register for any additional courses.

\*GAP=(GRE-V+GRE-Q)+(undergraduate GPAx1000)

The Physical Education Teacher Leader Concentration requires—9-16 credit hours of Professional Education Core, including 3 credit hours of Action Research; and 15 credit hours of Physical Education Specialization courses; a total minimum of 30 credit hours is required.

The Exercise Physiology and Fitness Management concentrations do not lead to rank change for Kentucky teachers.

Teacher Leader Admission Requirement Criteria vary, depending on the student's undergraduate institution and GPA. No GRE requirement for admission.

- 1. WKU Graduate: Automatic admission\_with a current teaching certificate in Physical Education or a statement of eligibility.
- 2. Graduate of a Kentucky Higher Education Institute other than WKU: A 2.75 GPA or higher or a \*GAP score of 550. A current teaching certificate in Physical Education or a statement of eligibility.
- 3. Graduate of an Out-of-State Institution of Higher Education: A 2.75 GPA or higher or a \*GAP score of 550. A current teaching certificate in Physical Education or a statement of eligibility.

Kentucky applicants whose certificates have expired may be admitted, but they may enroll for only six hours before they must apply to the Kentucky Education Professional Standards Board for reissued certificates. After completion of six hours, a student admitted with an expired certificate must submit a copy of the re-issued certificate before being allowed to register for any additional courses.

\*GAP=(GRE-V+GRE-Q)+(undergraduate GPAx1000)

The Physical Education Teacher Leader Concentration requires 10-16 credit hours of Professional Education Core, including 3 credit hours of Action Research; and 15 credit hours of Physical Education Specialization courses; a total minimum of 30 credit hours is required.

The Teacher Education Concentration is designed to develop Teacher Leaders who can positively impact student learning in their classrooms and schools. Courses and experiences include Professional Learning Communities in which students interact with other graduate students from various communities and content areas to discuss and work on grade level challenges and promising practices they encounter in schools.

The program is divided into two instructional components. The first component, Professional Education, provides advanced level pedagogy, leadership, and content related to Kentucky Teacher Standards and applicable to all P-12 teachers working in various developmental and content areas.

The second component is the specialization that allows the candidate to expand content, pedagogy, and/or leadership skills. This Physical Education Teacher Leader concentration consists of KIN 501, 503, 504, 505, and 508. This specialization allows for professional growth concurrent with the goals of each candidate.

An Action Research Project for Teacher Leaders focusing on a classroom, school, or district issue is the capstone for the completion of the program.

During the first course in the program, TCHL 500 Foundations of Teacher Leadership, students will complete an assessment process that will be used in determining which TCHL core courses they must take in the professional education core (see Important Note below). All students must complete TCHL 540, 544, 548, 550, 554, and 558 or pass proficiency evaluations for these courses. TCHL 500, 530, and 560 (or discipline-specific action research course), are required for all students, and there are no proficiency evaluations that may be substituted for these courses.

The Teacher Education Concentration is designed to develop Teacher Leaders who can positively impact student learning in their classrooms and schools. Courses and experiences include Professional Learning Communities in which students interact with other graduate students from various communities and/or content areas to discuss and work on grade level challenges and promising practices they encounter in schools.

The program is divided into two instructional components. The first component, Professional Education, provides advanced level pedagogy, leadership, and content related to Kentucky Teacher Standards and applicable to all P-12 teachers working in various developmental and content areas.

The second component is the specialization that allows the candidate to expand content, pedagogy, and/or leadership skills. This Physical Education Teacher Leader concentration consists of KIN 503, 505, 508, 520, and RSA 534. This specialization allows for professional growth concurrent with the goals of each candidate.

An Action Research Project for Teacher Leaders focusing on a classroom, school, or district issue is the capstone for the completion of the program.

During the first course in the program, TCHL 500 Foundations of Teacher Leadership, students will complete an assessment process that will be used in determining which TCHL core courses they must take in the professional education core .All students must complete TCHL 500, 530, 545, 555, 559, and 560 or pass proficiency evaluations for TCHL 545 and 555. If the proficiency tests for TCHL 545 and 555 are passed, 6 hours of advisor approved electives will be needed to replace those courses.

Important Note: While enrolled in TCHL 500. master's candidates will use several documents, including their KTIP assessments or in-kind examples, dispositions self-surveys, referrals from school personnel, and their respective School Improvement Plan, to develop with their respective program advisors individualized programs of study of 30-37 hours related to Kentucky Teacher Standards and professional goals. Each student's program of study will include some or all of the TCHL courses, at least one content course specific to their initial teaching certification areas, plus additional education-related or content courses.

(Level I) Professional Education Core-9 16

TCHL 500 – Foundations of Teacher Leadership (3 Hrs)

TCHL 530 Curriculum Development (3 Hrs)

TCHL 550 - Student Assessment I: Fundamentals of Student Assessment (1 hr)

TCHL 554 - Student Assessment II: Standardized Testing (1 hr)

TCHL 558 - Student Assessment III: Classroom Tests and Instruments (2 hrs)

TCHL 540 - Classroom Instruction: Instructional Strategies (1 hr)

TCHL 544 - Classroom Instruction: Equitable School and Community Partnerships (1 hr) TCHL 548 - Classroom Instruction: Managing the Learning Environment (1 hr)

TCHL 560 – Action Research for Teacher Leaders (3 Hrs)

Mid-Point Assessment Requirements:

To ensure that all master's candidates are proficient on Advanced Level Kentucky Teacher Standards, all Critical Performances associated with the above PE or TCHL courses must be completed, even if a candidate's program of studies does not include the courses. Candidates

may only complete 6 hours in Level 2 before they have uploaded all Critical Performances and have achieved an average score of 3.0 on all

(Level I) Professional Education Core  $-\frac{10}{10}$  - 16

TCHL 500 – Foundations of Teacher Leadership (3 Hrs)

TCHL 530 Curriculum Development (3 Hrs)

TCHL 545 (3hr) – Classroom Instructional

Strategies and Management

TCHL 555 (3hr) - School and Classroom

Assessment

TCHL 559 (1hr) – Action Research Design

TCHL 560 - Action Research Capstone for Teacher Leaders (3 Hrs)

Mid-Point Assessment Requirements:

To ensure that all master's candidates are proficient on Advanced Level Kentucky Teacher Standards, all Critical Performances associated with the above PE or TCHL courses must be completed, even if a candidate's program of studies does not include the courses. Candidates may only complete 6 hours in Level 2 before they have uploaded all Critical Performances and have achieved an average score of 3.0 on all

performances and an average score of 3 on dispositions. Additional course work during Level 2 may be required based on the assessment results. performances and an average score of 3 on dispositions. Additional course work during Level 2 may be required based on the assessment results.

#### (Level II) Specialization Component—15 hours

KIN 501 Research Methods in Kinesiology (3 Hrs)

KIN 503– Advanced Motor Learning & Control (3 Hrs)

KIN 504 Advanced Exercise Physiology (3 Hrs)

KIN 505 – Foundations of Curriculum

Construction (3 Hrs)

KIN 508 – Adaptive Physical Education (3 Hrs)

#### Completion Requirements:

- 1. TCHL 560 Action Research for Teacher Leaders
- 2. Present research results in a venue approved by the advisor.
- 3. Achieve a minimum 3.0 GPA in overall coursework.

### <u>Level (II) Specialization Component—15 hours</u>

KIN 503– Advanced Motor Learning & Control (3 Hrs)

KIN 505 – Foundations of Curriculum

Construction (3 Hrs)

KIN 508 – Adaptive Physical Education (3 Hrs)

KIN 520 – Teaching Strategies in Physical

**Education** 

RSA 534 – Facility Management (3hrs)

# **Completion Requirements:**

- 1. TCHL 560 Action Research for Teacher Leaders (3 hrs)
- 2. Present research results in a venue approved by the advisor.
- 3. Achieve a minimum 3.0 GPA in overall coursework.

#### 4. Rationale for the proposed program change:

- The proposed changes in the professional education core are focused on having curriculum in alignment with the Teacher Leader framework of the university and with the requirements of the Kentucky Education Professional Standards Board (EPSB), the entity which issues certificates for all Kentucky teachers.
- The changes in the specialization component are in response to current needs of physical
  educators in the schools regarding safety and proper management of the learning environment,
  which in physical education is a gymnasium facility, and in response to the addition of the
  research class in the professional education core.
  - TCHL 559 and TCHL 560 are both research-oriented courses and required in the Professional Education Core, therefore the KIN 501 is redundant for students thus being removed.
  - KIN 504 Advanced Exercise Physiology is being removed from the specialization component as the other courses being added will provide content assessed to be needed to enhance teaching and to offer flexibility in method of course delivery.
  - o KIN 520 is being added to the specialization component as the course focuses on the physical education models in teaching and is not related to the instructional strategies and management offered in the core.
  - RSA 534 Facility Management is being added to the specialization component because of the current need for safer, better-managed physical education environments. There is very little room for this information in any of the undergraduate curriculum that specifically

addresses managing your facility – yet when teachers are hired, they are ultimately responsible for the safety of the classroom environment. For physical education teachers the classroom can include any of the following: lunchroom/gymnasiums, large gymnasiums with extensive seating, outdoor courts and fields, climbing walls, weight rooms, locker rooms, and more. The teachers are ultimately responsible to know how to best manage their teaching in these environments in order to provide a safe environment. To best serve both the students and teachers, a course like this is a very important addition. This course will have an assignment specific to those students in the PE Teacher Leader program that requires them to complete a facility assessment of their current facility.

| 5. | Proposed | term | for | implementation: | Fall 2015 |
|----|----------|------|-----|-----------------|-----------|
|----|----------|------|-----|-----------------|-----------|

| 6  | Dates of prior committee approvals: |
|----|-------------------------------------|
| v. | Dates of prior committee approvais. |

| School of Kinesiology, Recreation & Sport: | <u>2/06/2015</u> |
|--|------------------|
| CHHS Graduate Curriculum Committee:        |                  |
| Professional Education Council             |                  |
| Graduate Council                           |                  |
| University Senate                          |                  |

**Attachment: Program Inventory Form** 

Proposal Date: February 2015

# College of Health and Human Services Department of Public Health Proposal to Revise a Program (Action Item)

Contact Person: Cecilia Watkins

cecilia.watkins@wku.edu

270-745-4796

# 1. Identification of program:

- 1.1 Current program reference number:
- 1.2 Current program title: Master of Science, Environmental and Occupational Health Science

# 2. Identification of the proposed program changes:

- 2.1 ☐ title:
- 2.2 admission criteria:
- 2.3 🖂 curriculum: Replace COMM 523 with PH 576
- $2.4 \quad \Box \text{ other:}$

## 3. Detailed program description:

| 5. Detaned program description:                        |  |
|--|--|
| Master of Science, Environmental and Occupational      | Master of Science, Environmental and Occupational      |
| Health Science   | Health Science   |
| Total Hours = 36 credit hours                          | Total Hours = 36 credit hours                          |
|  |  |
| Core Courses (18 credit hours required)                | Core Courses (18 credit hours required)                |
| PH 520 - Biostatistics for Public Health (3 hrs)       | PH 520 - Biostatistics for Public Health (3 hrs)       |
| PH 577 – Environmental Toxicology (3 hrs)              | PH 577 – Environmental Toxicology (3 hrs)              |
| PH 582 – Epidemiology: Practice and Theory (3 hrs)     | PH 582 – Epidemiology: Practice and Theory (3 hrs)     |
| PH 584 - Principles of Environmental Health (3 hrs)    | PH 584 - Principles of Environmental Health (3 hrs)    |
| PH 501 – Research Methods (3 hrs)                      | PH 501 – Research Methods (3 hrs)                      |
| EHS 572 - Environmental and Occupational               | EHS 572 - Environmental and Occupational               |
| Epidemiology (3 hrs)                                   | Epidemiology (3 hrs)                                   |
|  |  |
| Electives (minimum of 12 credit hours required)        | Electives (minimum of 12 credit hours required)        |
| EOHS Electives   | EOHS Electives   |
| PH 510 - Watershed Management and Science (3 hrs)      | PH 510 - Watershed Management and Science (3 hrs)      |
| PH 560 – Environmental Management and Risk             | PH 560 – Environmental Management and Risk             |
| Assessment (3 hrs)                                     | Assessment (3 hrs)                                     |
| PH 571 - Air Quality Management (3 hrs)                | PH 571 - Air Quality Management (3 hrs)                |
| EHS 580 - Solid and Hazardous Waste Management (3      | EHS 580 - Solid and Hazardous Waste Management (3      |
| hrs)   | hrs)   |
| PH 595 - Public Health Management of Disasters (3 hrs) | PH 595 - Public Health Management of Disasters (3 hrs) |
|  |  |
| Worksite Health Promotion Electives                    | Worksite Health Promotion Electives                    |
| PH 502 - Health Promotion in the Workplace (3 hrs)     | PH 502 - Health Promotion in the Workplace (3 hrs)     |
| <del>_</del>   |  |

| PH 575 - Health Education/Promotion Program Planning                                      | PH 575 - Health Education/Promotion Program            |  |
|---|--|--|
| (3 hrs)   | Planning (3 hrs)                                       |  |
| COMM 523 - Health Communication (3 hrs)   | PH 576 – Education and Communication Techniques        |  |
| PH 587 – Health Behavior (3 hrs)  | PH 587 – Health Behavior (3 hrs)                       |  |
|   |  |  |
| Culminating experience - students must choose a thesis                                    | Culminating experience - students must choose a thesis |  |
| or an internship – (6 credit hrs)   | or an internship – (6 credit hrs)                      |  |
|   |  |  |
| A Dationals for the proposed program shanger DII 576 Education & Communication Techniques |  |  |

- **4. Rationale for the proposed program change:** PH 576 Education & Communication Techniques is a public health course, which has communication techniques, and is in the Department of Public Health.
- **5. Proposed term for implementation:** Fall 2015
- **6.** Dates of prior committee approvals:

| Public Health Department:          | February 9, 2015 |
|------------------------------------|------------------|
| CHHS Graduate Curriculum Committee |                  |
| Graduate Council                   |                  |
| University Senate                  |                  |